

D350-56 111B DSI

[illegible]

Ship Friday 16/4

~~PRELIMINARY ISSUE~~
~~PRELIMINARY ISSUE~~

Order ID 93447
November-15-12 8:36:30 AM

93447

Item ID: D3295-041B Accept *N900040100* Setup Start *NS1*
Revision ID: ~~PRELIM~~ Stop *NS2*
Item Name: Floor Window, Blank
Start Date: 11/15/12 Start Qty: 1.00 *1* Cust Item ID:
Required Date: 11/16/12 Req'd Qty: 1.00 *1* Customer:
Reference:

Approvals: Process Plan: W Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3295	PET Rev E								
100	FLOW WATER JET	0.00							
100									
Waterjet	Memo	0.00							
FLOW CNC Waterjet	1-Cut as per Dwg D3295								
125 Lexan	Dwg Rev: PEI								
	Prog Rev: PEI								
	-Cut on Bricks.								
	2-Remove plastic and wrap in saran wrap.								
	3-Deburr if necessary								
110	QC2- Inspect parts off machine FAI/FAIB	0.00							
110									
QC	Memo	0.00							
Quality Control									

1 0 Jm 12-11-15

1 0 Jm 12-11-15

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/>											
Equip/Tooling <input type="checkbox"/>											
Operator <input type="checkbox"/>											
Material <input type="checkbox"/>											
Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											
FAULT CATEGORY											
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube			General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions			<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other		

Page 2

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/>											
Equip/Tooling <input type="checkbox"/>											
Operator <input type="checkbox"/>											
Material <input type="checkbox"/>											
Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											
FAULT CATEGORY											
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube			General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions			<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other		

Work Order ID 93447

93447

Page 3

November-15-12 8:36:30 AM

Item ID: D3295-041B
Revision ID: PRELIM
Item Name: Floor Window, Blank

Accept

N900040100

Setup Start *NS1*

Stop *NS2*

Start Date: 11/15/12 Start Qty: 1.00 *1*

Cust Item ID:

Required Date: 11/16/12 Req'd Qty: 1.00 *1*

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start *NR1*

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150	Identify as per dwg & Stock Location: _____	0.00							
150									
Packaging	Memo	0.00							
Packaging									
160	QC21- Final Inspection - Work Order Release	0.00							
160									
QC	Memo	0.00							
Quality Control									

POSITIVE RECALL

EFFECTIVE 11/15/12 AUTH 12-11-16

RELEASED 12/12/12 DATE 12/12/12

to Rev E Day

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear	General	Other
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain
<input type="checkbox"/> Centre Not Concentric to O/S	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Hardware
<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Inspection Incomplete
<input type="checkbox"/> Crushed/Crimped	<input type="checkbox"/> Burrs	<input type="checkbox"/> Instructions Incomplete/Unclear
<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Maintenance
<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Countersink	<input type="checkbox"/> Mislabeled
<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Misread
<input type="checkbox"/> Ripples in Bend	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Offset
<input type="checkbox"/> Torque Waves in Extrusion	<input type="checkbox"/> Drawing	<input type="checkbox"/> Out of Calibration
<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Sequence
<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Folio	<input type="checkbox"/> Outside Dimensions
		<input type="checkbox"/> Ovalized
		<input type="checkbox"/> Over/Under tolerance
		<input type="checkbox"/> Part Incorrect
		<input type="checkbox"/> Part Lost/Missing
		<input type="checkbox"/> Part Moved
		<input type="checkbox"/> Positioned Wrong
		<input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced
		<input type="checkbox"/> Temperature/Cure
		<input type="checkbox"/> Weld
		<input type="checkbox"/> Wrong Stock Pulled
		<input type="checkbox"/> Other

Picklist Print

November-15-12 8:36:29 AM

Page 1

Work Order ID: 93447

Parent Item: D3295-041B

Start Date: 11/15/12

Required Date: 11/16/12

Parent Item Name: Floor Window, Blank

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 12.11.15 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2728-1 Dart Logo label		Manufactured	No			130	Each	0.0000	1	1			
MLEXS.125-9034-01 1/8" 9034 Lexan Sheet		Purchased	No			100	sf	153.1500	1.25	1.31375			
				<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>						
				MAT019		153.15							
				117273		106.9							
				119591		46.25							
										119591			

Handwritten: B 39012, 12/11/16, Jm 12-11-15

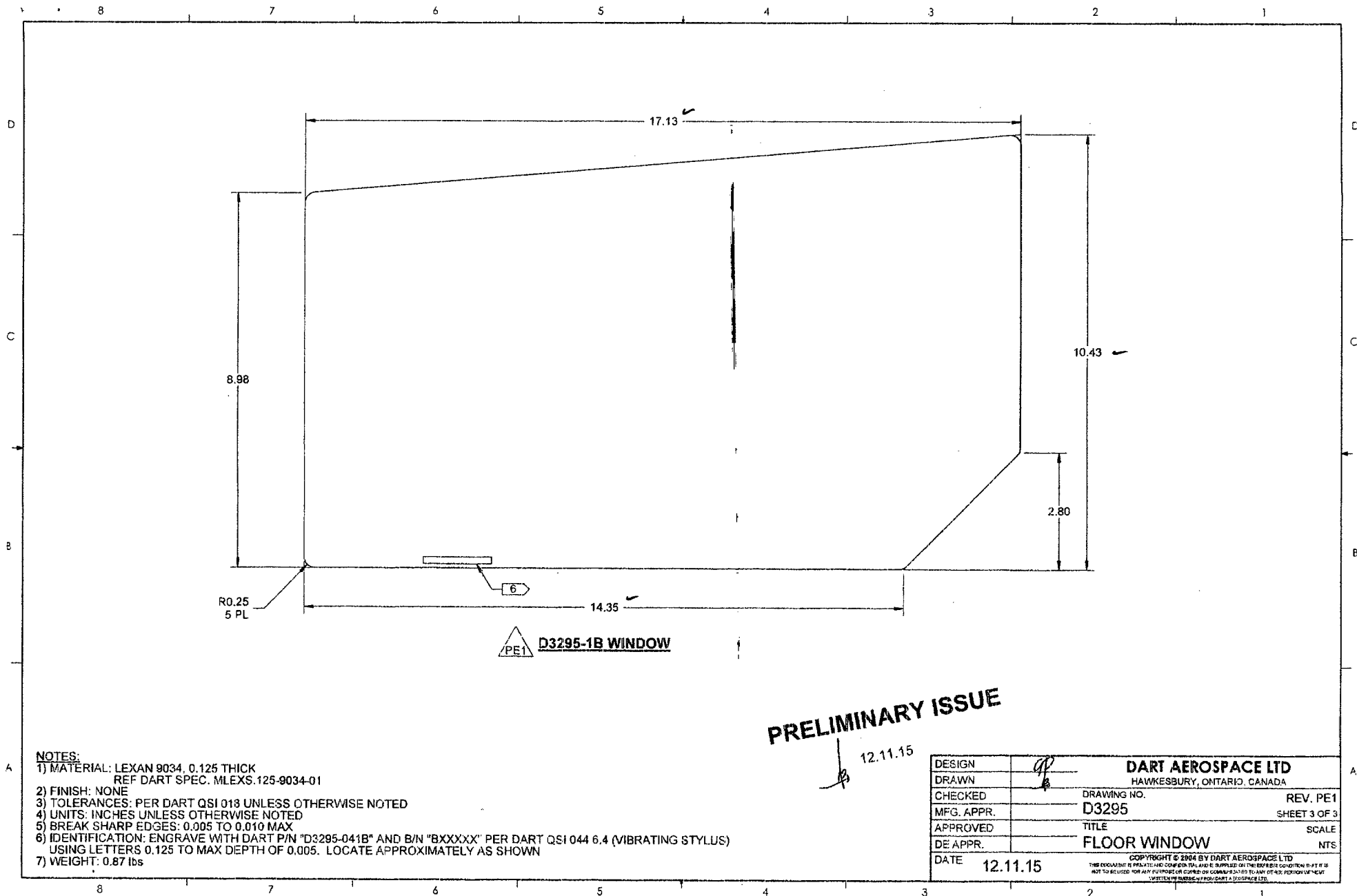
NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/>											
Equip/Tooling <input type="checkbox"/>											
Operator <input type="checkbox"/>											
Material <input type="checkbox"/>											
Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											
FAULT CATEGORY											
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube			General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions			<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other



PE1 D3295-1B WINDOW

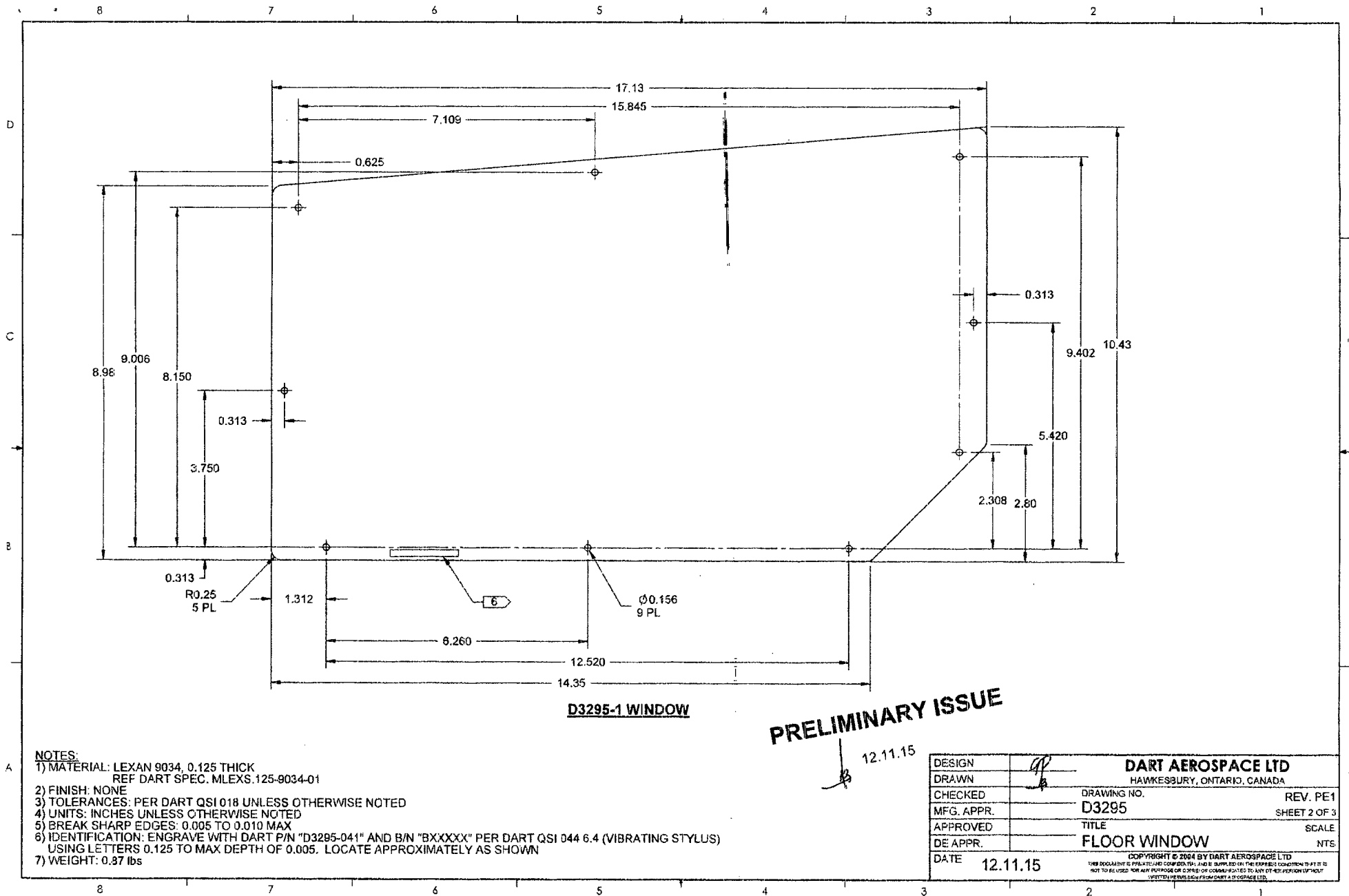
PRELIMINARY ISSUE

NOTES:

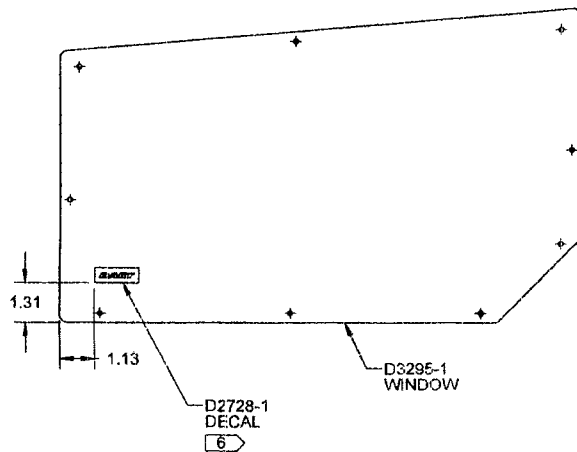
- 1) MATERIAL: LEXAN 9034, 0.125 THICK
REF DART SPEC. MLEXS.125-9034-01
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: ENGRAVE WITH DART P/N "D3295-041B" AND B/N "BXXXXX" PER DART QSI 044 6.4 (VIBRATING STYLUS)
USING LETTERS 0.125 TO MAX DEPTH OF 0.005. LOCATE APPROXIMATELY AS SHOWN
- 7) WEIGHT: 0.87 lbs

12.11.15

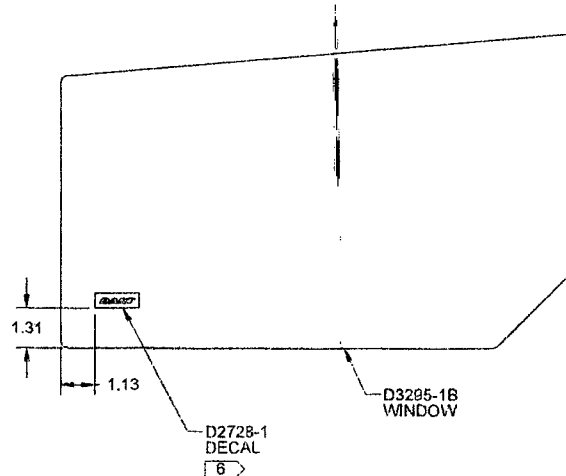
DESIGN	gp	DART AEROSPACE LTD	
DRAWN	gp	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO. D3295	REV. PE1
MFG. APPR.			SHEET 3 OF 3
APPROVED		TITLE FLOOR WINDOW	SCALE
DE APPR.			NTS
DATE	12.11.15	<small>COPYRIGHT © 2004 BY DART AEROSPACE LTD THIS DOCUMENT IS PROPRIETARY AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE REPRODUCED OR COPIED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD.</small>	



ITEM	QTY -041	QTY -041B	P/N	DESCRIPTION
	X		D3295-041	FLOOR WINDOW
		X	D3295-041B	FLOOR WINDOW, BLANK
1			D3295-1	WINDOW
2		1	D3295-1B	WINDOW, BLANK
3		1	D2728-1	DECAL



D3295-041 FLOOR WINDOW



D3295-041B FLOOR WINDOW, BLANK

PRELIMINARY ISSUE

12.11.15

- NOTES:**
- 1) MATERIAL: N/A
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) N/A
 - 6) ENSURE SURFACE IS FREE OF DIRT/GREASE PRIOR TO APPLICATION OF SELF-ADHESIVE DECAL
 - 7) WEIGHT: D3295-041/-041B = 0.87 lbs

REV.	DESCRIPTION	BY	DATE
PE1	ADD D3295-041B-1B. REF. PAR12-223.	MB	12.11.15
D	REVISE MATERIAL TO LEXAN 8034 FROM POLYCAST ACRYLIC SHEET. ZONE A6 SH 2 ADD MISSING DIMENSION PER NCR 247. ZONE C3 SH 2 REFORMAT DRAWING	MP	07.11.07
C	CHANGE TEMPLATE # TO DT8822	SSH	07.02.21
B	UPDATE MATERIAL PER NCR 029	CP	06.04.13
A	NEW ISSUE	CP	04.06.28
DESIGN	DART AEROSPACE LTD		
DRAWN	HAWKESBURY, ONTARIO, CANADA		
CHECKED	DRAWING NO.	REV. PE1	
MFG. APPR.	D3295	SHEET 1 OF 3	
APPROVED	TITLE	SCALE	
DE APPR.	FLOOR WINDOW	NTS	
DATE	12.11.15	COPYRIGHT © 2004 BY DART AEROSPACE LTD	

Receiving Report

Date: 11/11/11

Batch No: M118591

Supplier: SABIC

Dart P/O: 15329

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☐ No ☒
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☒ No ☐ N/A ☐
 Shipment Complete: Yes ☒ No ☐ N/A ☐
 QC6 Inspection ☒ N/A ☐
 Work Order ☒ N/A ☐

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12 [Signature]

Production/Admin: [Signature]
 Date: 11/11/11
 Received/Costing: [Signature]
 Initial: [Signature]

Location: _____

Page 1 of 1

All amounts are calculated in domestic currency.

Grouped by Vendor ID

[illegible]

*** SHIPPER ***

A/C 10.91

SABIC Polymershapes
1250 Old Innes Rd., Unit 519

Page: 1

Ottawa, Ontario K1B 5L3
PST 95637 2750 TR0001
PHONE: (613)745-7043 FAX: (613)745-4291

SOLD TO: DART AEROSPACE LTD

SHIP TO: DART AEROSPACE LTD

1270 ABERDEEN STREET
HAWKESBURY ON K6A 1K7
Canada

1270 ABERDEEN STREET
HAWKESBURY ON K6A 1K7
Canada
1-613-632-5200

Our Order No	Customer	GST License	PST License	Invoice Terms	Ordered	Shipped	Taken By	RDD
098740	DARAR	CHARGE GST	6112-5207	NET 30 DAYS	02.11.11		dixonw	09.11.11
Ship.Doc.No	Salesrep	Customer P.O.#	Shipped Via	P.O.B.	Freight Terms	Inv. No.	Ship Date	
01	93	015329	T S T		COLLECT		09.11.11	

Ln#	Location	Ord	B/O	Ship Sku	Product Code	Description	U/Price
-----	----------	-----	-----	----------	--------------	-------------	---------

DELIVERIES TO BE DONE BEFORE
4:00 PM , ADVISE SHIPPING CO.

001		1	1	0 SHT	93314610	TIVAR-1000 PLATE --BLACK .625 X 48 X 120	
-----	--	---	---	-------	----------	---	--

002		3	0	3 SHT	11204355	9034-112 LEXAN .118 X 48 X 96	
-----	--	---	---	-------	----------	----------------------------------	--

003		6	6	0 SHT	10100555	GM - CLEAR .118 X 50 X 99	
-----	--	---	---	-------	----------	------------------------------	--

004		1	0	1 EA	0000005	THANK YOU FOR SELECTING SABIC POLYMERSHAPES	
-----	--	---	---	------	---------	--	--

Shippable Weight: 70.65 Lb

LINE No.	RECEIVING No.	PICKED BY	DATE	SHIPPED BY	DATE	VERIFIED	DATE

NO GOODS TO BE RETURNED WITHOUT APPROVAL FROM SABIC. ALL DISCREPANCIES MUST BE REPORTED WITHIN 10 DAYS.
ALL RETURNS MUST HAVE VALID RETURNED GOODS AUTHORIZATION NUMBER CLEARLY MARKED ON ALL PACKAGES.

[Handwritten signature]



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO15329

Purchase Order Date 11/01/11

PO Print Date 11/02/11

Page Number 1 of 1

Order From :

VC-GEP001

SABIC POLYMERSHAPES
C/O T08722C/U
PO BOX 8722 STN A
TORONTO, ON M5W 3C2
CA

Contact Name

Vendor Phone

800 267 1575

Vendor Fax

613 745 4291

Vendor Account Nbr

Buyer

Requisition Nbr

Tax Resale Nbr

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FOXTED
C. Lavoie

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
	MUHMWB625	UHMW .625 Black Tivar 1000	11/07/11 Yes	40.00 sf	TST ground	\$14.0558	\$562.23
		Special Inst: MATERIAL: UHMW BLACK TRIVAR 1000 VIRGIN MATERIAL MANUFACTURER: POLY HI SOLDUR					
2	MLEXS.125-9034-01	1/8" 9034 Lexan Sheet	11/07/11 Yes	96.00 sf	TST ground	\$2.8625	\$274.80
		Special Inst: MATERIAL: GE PLASTIC LEXAN SHEET					
3	MACRLICS.125	1/8" Polycast II Sheet	11/07/11 Yes	206.22 sf	TST ground	\$2.4827	\$511.98
		Special Inst: MATERIAL: POLYCAST II CLEAR ACRYLIC PER MIL-P-5425 OR PLEXIGLASS "G" CAST ACRYLIC					

PO Total:

\$1,349.01

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Change Nbr: 2

Change Date: 11/02/11

SABIC
Innovative
Plastics



SABIC Polymershapes

1250 OLD INNES RD. 519 OTTAWA, ONT. K1B 5L3
TEL: 613 745 7043 FAX: 613 745 8163

CERTIFICATE OF COMPLIANCE

SOLD TO: DART AEROSPACE

DATE: Nov. 10, 2011

YOUR PURCHASE ORDER : 015329

SABIC INVOICE NO: 0098463

SABIC SALES ORDER NO: 098740

SABIC POLYMERSHAPES LINE ITEM # :003

QUANTITY: Six (6)

Sululy

DESCRIPTION: Plexiglass GM - Clear .118" x 50" x 99"

SABIC Part Number: P/N 10100555

THESE PARTS WERE MANUFACTURED IN ACCORDANCE WITH:
Plexiglas GM ASTM D-4802 Formally LP-391

THIS IS TO CERTIFY THAT THE MATERIAL FINISHES AND FUNCTIONAL REQUIREMENTS
OF THE ABOVE LISTED PARTS ARE IN ACCORDANCE WITH THE REFERENCE
PROCUREMENT SPECIFICATIONS, CONTROL DRAWINGS OR PARTS DESIGNATION AND
LATEST REVISIONS AS REFERENCED ON THE SUBJECT PURCHASE ORDER.

AUTHORIZED REPRESENTATIVE SIGNATURE

Darleen Melkert

SABIC
Innovative
Plastics™

سابك
sabic

CERTIFICATE OF COMPLIANCE

SOLD TO: Dart Aerospace.

DATE: Nov.10,,2011

YOUR PURCHASE ORDER: 15329

SABIC INVOICE NO: 098740

SABIC SALES ORDER NO: 0098463

SABIC POLYMERSHAPES LINE ITEM # 001

QUANTITY: One (1) 48" x 120" Sheets

DESCRIPTION: Tivar 1000 Plate - Black .625" Thick 48" x 120" Sheets

The above material is manufactured in accordance with ASTM D4020-05 with a molecular weight of 3.0 to 6.2 Million G/Mol.

This is to certify that the material finishes and functional requirements of the above are in accordance with the reference procurement specifications, control drawings or parts designation and latest revisions as referenced on the purchase order.

AUTHORIZED REPRESENTATIVE SIGNATURE



Darleen Melkert

1250 Old Innes Road
Unit 519
Ottawa, Ontario
K1B 5L3

T: 613-745-7043
F: 613-745-4291
E: wade.dixon@sabic-ip.com
www.sabic-ip.com

SABIC
Innovative
Plastics™

سابك
sabic

CERTIFICATE OF COMPLIANCE

SOLD TO: Dart Aerospace

DATE: Nov. 10, 2011

YOUR PURCHASE ORDER: 15329

SABIC INVOICE NO: 0098463

SABIC SALES ORDER NO: 098740


SABIC POLYMERSHAPES LINE ITEM # 002

QUANTITY: One (1) Sheet

DESCRIPTION: Lexan 9034-112 .118" 48" x 96" Sheets

Polycarbonate is produced from resin certified to ASTM D3935 PC 0130 B34720.
Shape meets ASTM D 6098 S-PC 0121 and AMS 3628D except for the notched izod impact (PAR. 3.3.4.1)

AUTHORIZED REPRESENTATIVE SIGNATURE

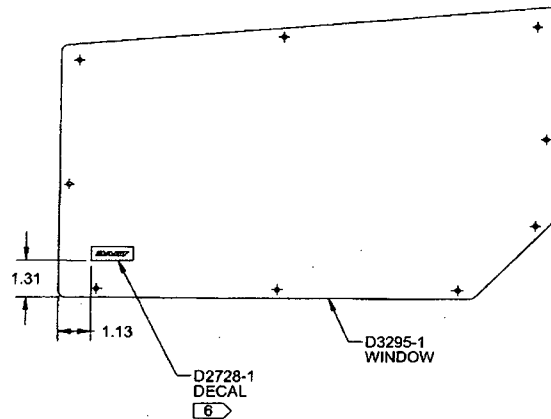


Darleen Melkert

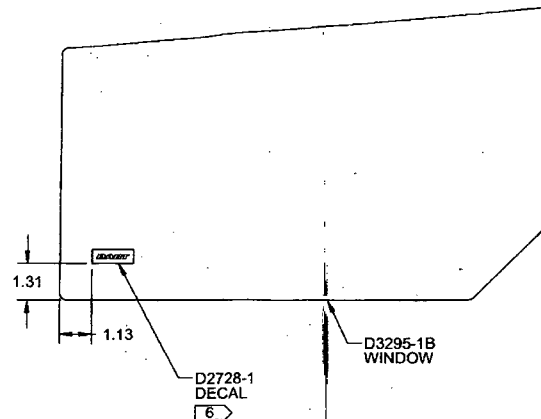
1250 Old Innes Road
Unit 519
Ottawa, Ontario
K1B 5L3

T: 613-745-7043
F: 613-745-4291
E: wade.dixon@sabic-ip.com
www.sabic-ip.com

ITEM	QTY -041	QTY -041B	P/N	DESCRIPTION
	X		D3295-041	FLOOR WINDOW
		X	D3295-041B	FLOOR WINDOW, BLANK
1	1		D3295-1	WINDOW
2		1	D3295-1B	WINDOW, BLANK
3	1	1	D2728-1	DECAL



D3295-041 FLOOR WINDOW



D3295-041B FLOOR WINDOW, BLANK

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) N/A
- 6) ENSURE SURFACE IS FREE OF DIRT/GREASE PRIOR TO APPLICATION OF SELF-ADHESIVE DECAL
- 7) WEIGHT: D3295-041/-041B = 0.87 lbs

RELEASED
2012-11-21

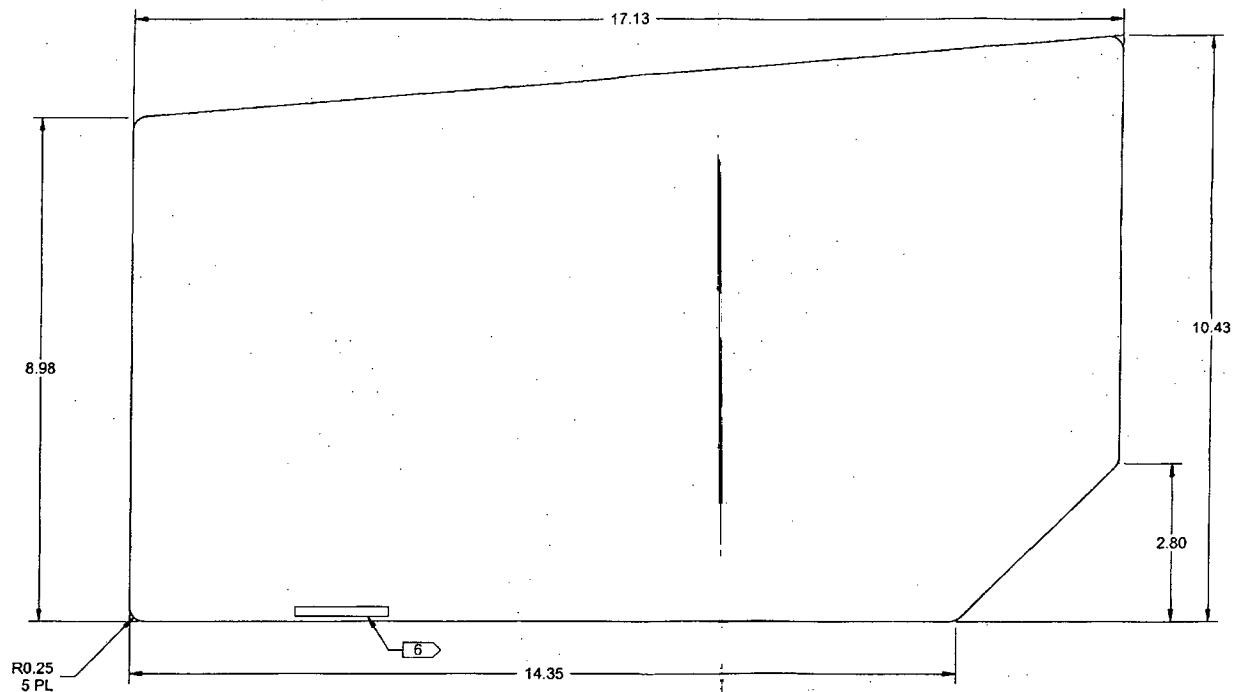
93447

E	ADD D3295-041B/-1B. REF. PAR12-223.	MB	12.11.15
D	REVISE MATERIAL TO LEXAN 9034 FROM POLYCAST ACRYLIC SHEET, ZONE A8 SH 2 ADD MISSING DIMENSION PER NCR 247, ZONE C3 SH 2 REFORMAT DRAWING	MP	07.11.07
C	CHANGE TEMPLATE # TO DT8822	SSH	07.02.21
B	UPDATE MATERIAL PER NCR 029	CP	05.04.13
A	NEW ISSUE	CP	04.06.28
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	12.11.15		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D3295** REV. E
SHEET 1 OF 3
TITLE **FLOOR WINDOW** SCALE NTS

COPYRIGHT © 2004 BY DART AEROSPACE LTD
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS
NOT TO BE USED FOR ANY PURPOSES OR COPIED OR REPRODUCED IN ANY FORM OR BY ANY MEANS WITHOUT
WRITTEN PERMISSION FROM DART AEROSPACE LTD



D3295-1B WINDOW

NOTES:

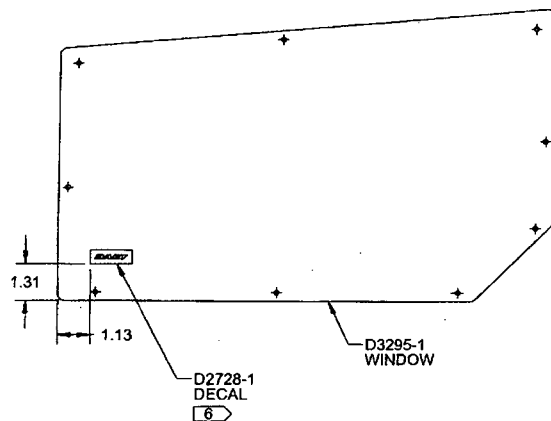
- 1) MATERIAL: LEXAN 9034, 0.125 THICK
REF DART SPEC. MLEXS.125-9034-01
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: ENGRAVE WITH DART P/N "D3295-041B" AND B/N "BXXXXX" PER DART QSI 044 6.4 (VIBRATING STYLUS)
USING LETTERS 0.125 TO MAX DEPTH OF 0.005. LOCATE APPROXIMATELY AS SHOWN
- 7) WEIGHT: 0.87 lbs

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. E
MFG. APPR.		D3295	SHEET 3 OF 3
APPROVED		TITLE	SCALE
DE APPR.		FLOOR WINDOW	NTS
DATE	12.11.15	<small>COPYRIGHT © 2004 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD</small>	

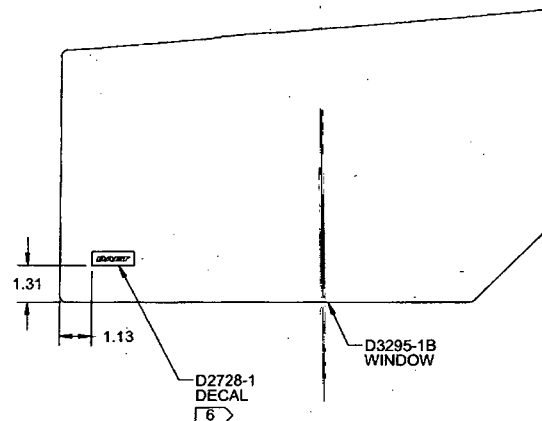
RELEASED
2012-11-21
MP

93447

ITEM	QTY -041	QTY -041B	P/N	DESCRIPTION
	X		D3295-041	FLOOR WINDOW
		X	D3295-041B	FLOOR WINDOW, BLANK
1	1		D3295-1	WINDOW
2		1	D3295-1B	WINDOW, BLANK
3	1	1	D2728-1	DECAL



D3295-041 FLOOR WINDOW



D3295-041B FLOOR WINDOW, BLANK

RELEASED
2012-11-21

NOTES:

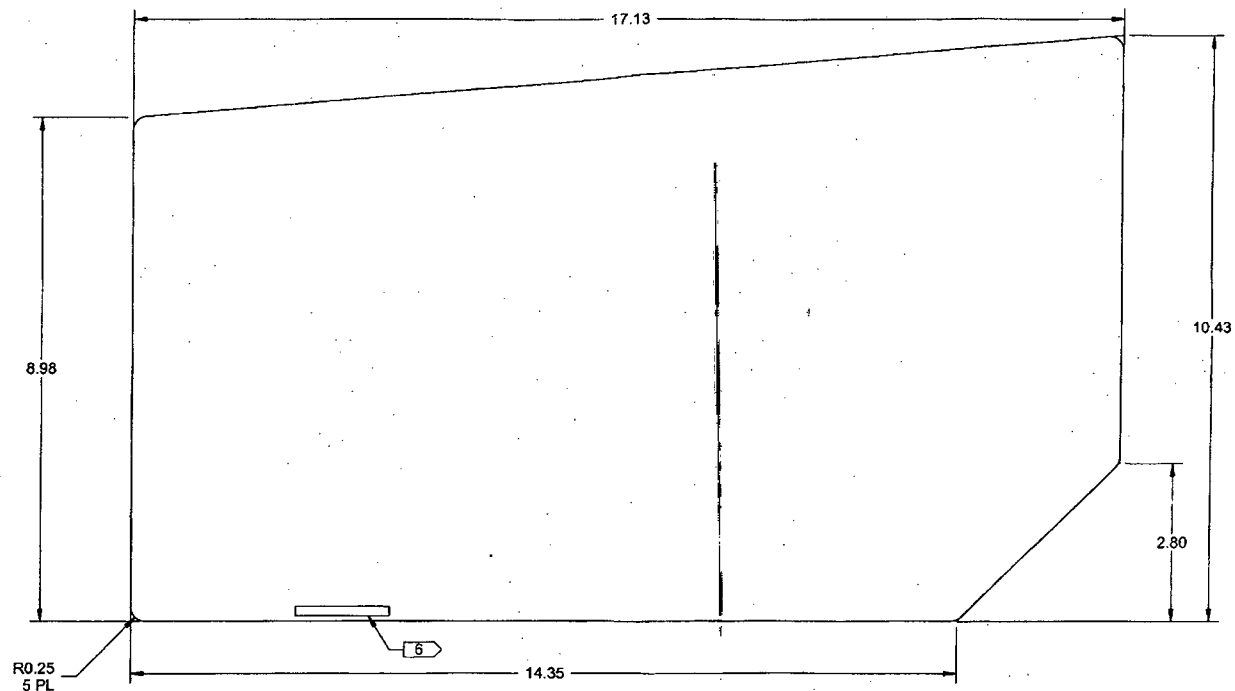
- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) N/A
- 6) ENSURE SURFACE IS FREE OF DIRT/GREASE PRIOR TO APPLICATION OF SELF-ADHESIVE DECAL
- 7) WEIGHT: D3295-041/-041B = 0.87 lbs

E	ADD D3295-041B/-1B. REF. PAR12-223.	MB	12.11.15
D	REVISE MATERIAL TO LEXAN 9034 FROM POLYCAST ACRYLIC SHEET. ZONE A8 SH 2 ADD MISSING DIMENSION PER NCR 247. ZONE C3 SH 2 REFORMAT DRAWING	MP	07.11.07
C	CHANGE TEMPLATE # TO DT8822	SSH	07.02.21
B	UPDATE MATERIAL PER NCR 029	CP	08.04.13
A	NEW ISSUE	CP	04.06.28
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	12.11.15		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. D3295
REV. E
SHEET 1 OF 3
TITLE FLOOR WINDOW
SCALE NTS

COPYRIGHT © 2004 BY DART AEROSPACE LTD
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE LOANED, REPRODUCED, COPIED, OR OTHERWISE DISCLOSED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.



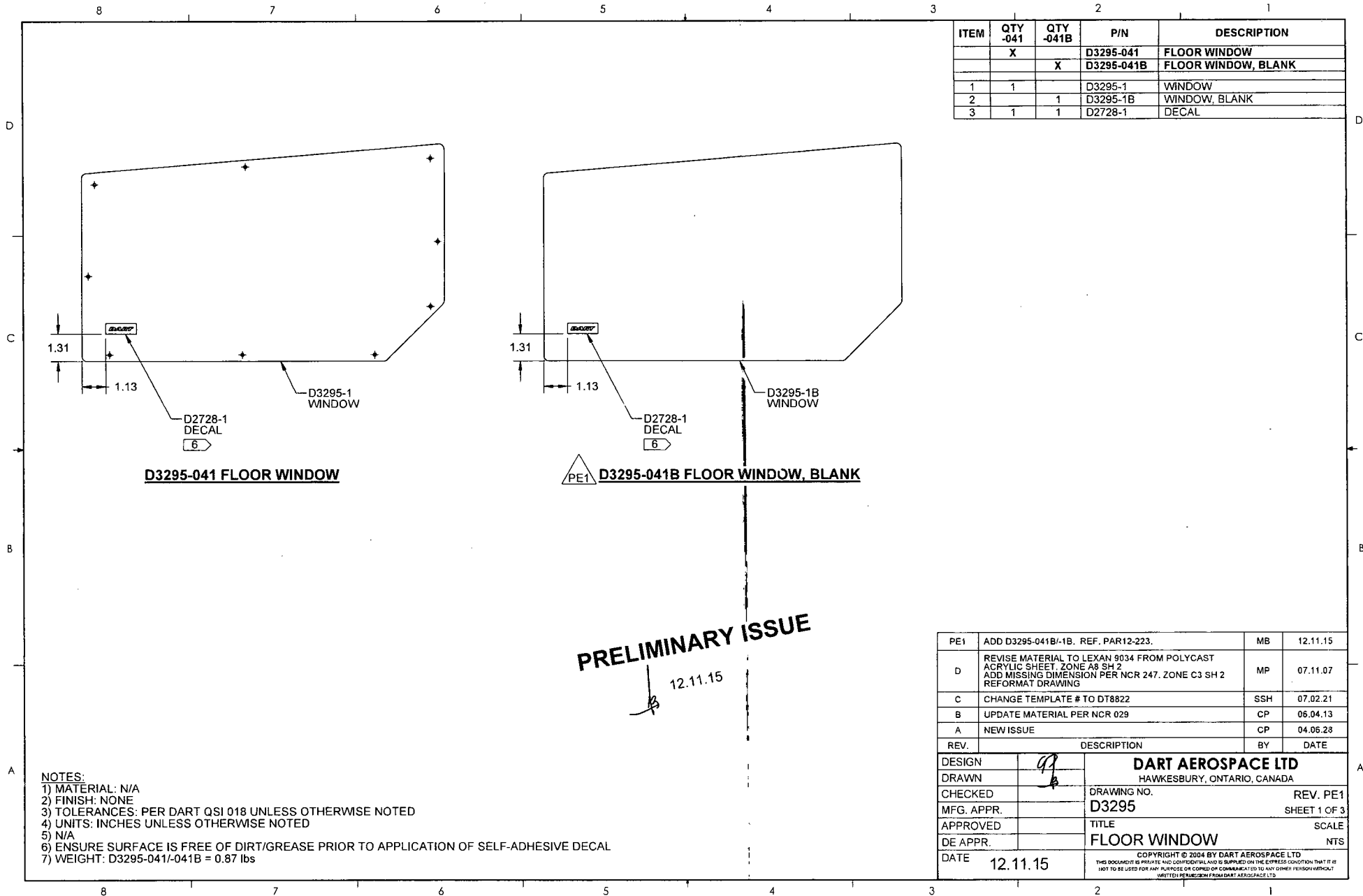
E D3295-1B WINDOW

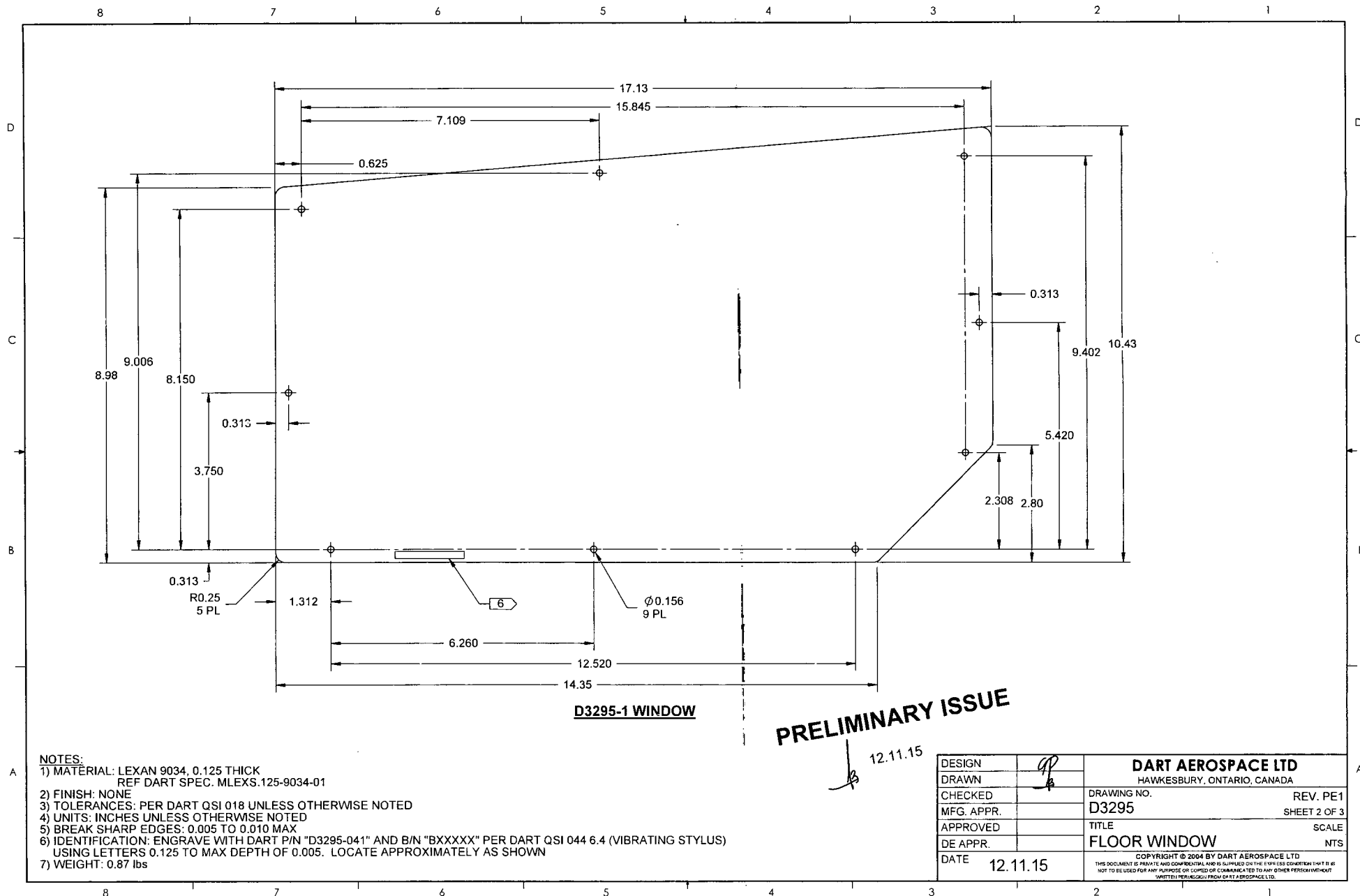
RELEASED
2012-11-21
MD

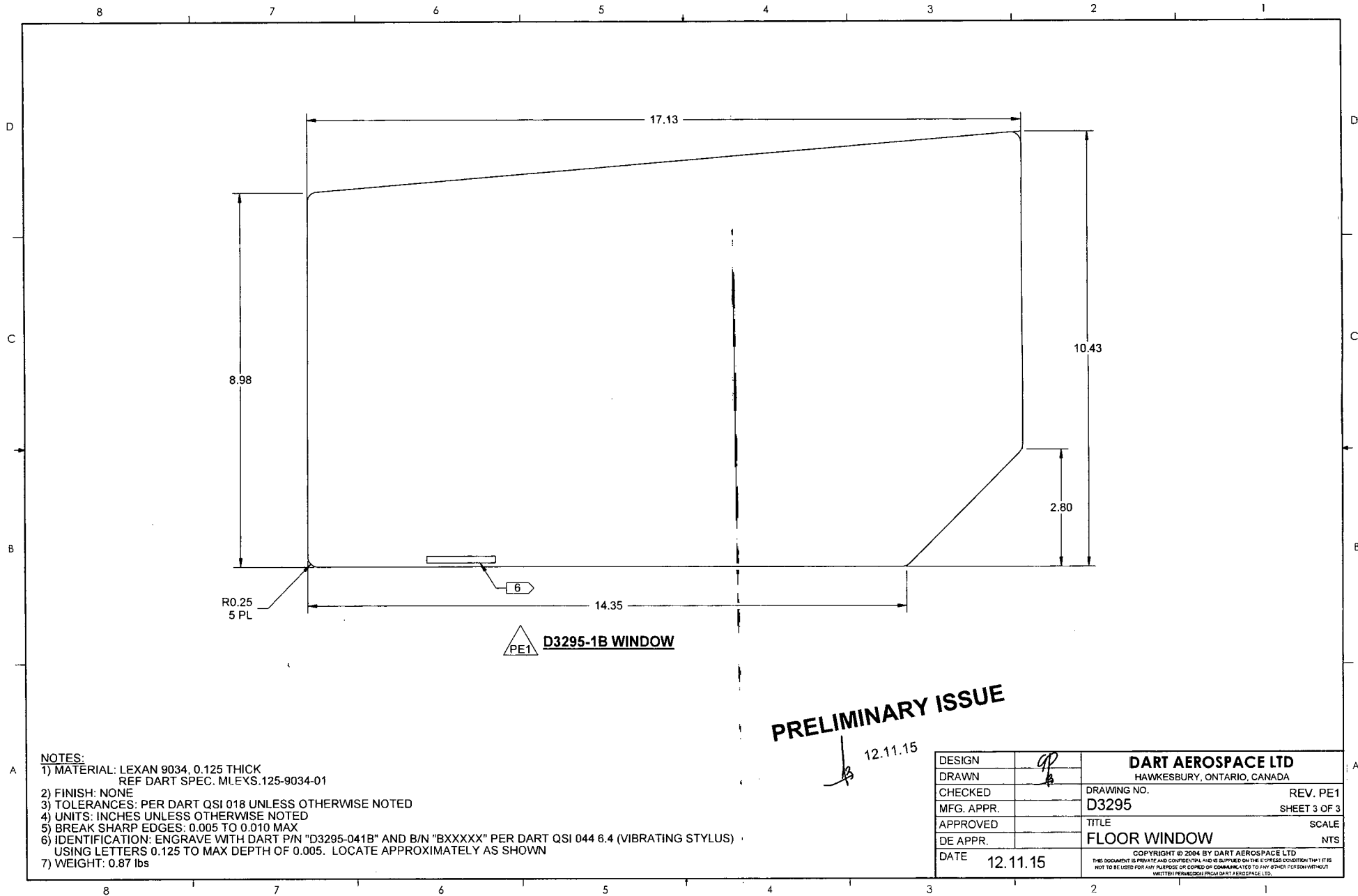
NOTES:

- 1) MATERIAL: LEXAN 9034, 0.125 THICK
REF DART SPEC. MLEXS.125-9034-01
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: ENGRAVE WITH DART P/N "D3295-041B" AND B/N "BXXXXX" PER DART QSI 044 6.4 (VIBRATING STYLUS)
USING LETTERS 0.125 TO MAX DEPTH OF 0.005. LOCATE APPROXIMATELY AS SHOWN
- 7) WEIGHT: 0.87 lbs

DESIGN	GP	DART AEROSPACE LTD	
DRAWN	GP	HAWKESBURY, ONTARIO, CANADA	
CHECKED	GP	DRAWING NO. D3295	REV. E
MFG. APPR.	GP	SHEET 3 OF 3	
APPROVED	GP	TITLE FLOOR WINDOW	SCALE
DE APPR.	GP	NTS	
DATE	12.11.15	<small>COPYRIGHT © 2004 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD</small>	







NOTES:

- 1) MATERIAL: LEXAN 9034, 0.125 THICK
REF DART SPEC. MLEYS.125-9034-01
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: ENGRAVE WITH DART P/N "D3295-041B" AND B/N "BXXXXX" PER DART QSI 044 6.4 (VIBRATING STYLUS) USING LETTERS 0.125 TO MAX DEPTH OF 0.005. LOCATE APPROXIMATELY AS SHOWN
- 7) WEIGHT: 0.87 lbs

PRELIMINARY ISSUE

12.11.15

DESIGN	gp	DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. PE1
MFG. APPR.		D3295	SHEET 3 OF 3
APPROVED		TITLE	SCALE
DE APPR.		FLOOR WINDOW	NTS
DATE	12.11.15	COPYRIGHT © 2004 BY DART AEROSPACE LTD	
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			

Date: Friday, 02/05/2008 2:55:28 PM
User: Julie Lecocq

Process Sheet

Customer	: CU-DAR001 Dart Helicopters Services	Drawing Name	: DART LOGO LABELS
Job Number	: 39012	Part Number	: D27281
Estimate Number	: 10016	Drawing Number	: D2728 REV B
P.O. Number	:	Project Number	: N/A
This Issue	: 02/05/2008 S.O. No. :	Drawing Revision	: B
Prsht Rev.	: NC	Material	:
First Issue	: 02/05/2008 Type : PURCHASED PARTS	Due Date	: 12/05/2008
Previous Run	: 26260	Qty:	10000 5,000 Um: Each
Written By	:		
Checked & Approved By	: <u>JD 08.5.02</u>		
Comment	: Est Rev:A 99.09.27 New Issue EC		

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
---------	-----------------------	---------------

1.0	PG	PURCHASING
-----	----	------------



Comment: PURCHASING

Issue P/O: 6284

Make as per Dwg D2728

~~Material release note is required~~

08/05/02

5000 10000

2.0	D27281P	Dart Logo label small
-----	---------	-----------------------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 5000.0000 Each(s)
Dart Logo label small

3.0	PACKAGING 1	PACKAGING RESOURCE #1
-----	-------------	-----------------------



Comment: PACKAGING RESOURCE #1

Receive & Inspect For Transit Damage
Ensure material certification is attached

INSPECT WORK TO CURRENT STEP

4.0	QC5
-----	-----



Comment: INSPECT WORK TO CURRENT STEP

5.0	PACKAGING 1	PACKAGING RESOURCE #1
-----	-------------	-----------------------



Comment: PACKAGING RESOURCE #1

Identify and Stock
Location: 45

8/5/21

Scp

10000x

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Friday, 02/05/2008 2:55:29 PM
User: Julie Lecocq

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: DART LOGO LABELS

Job Number: 39012

Part Number: D27281

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

QC21

FINAL INSPECTION/W/O RELEASE



08/05/23 JA

Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



mf 08-05-22

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART



DESIGN BW	DRAWN BY BW	DART AEROSPACE LTD VICTORIA INTERNATIONAL AIRPORT, CANADA	
CHECKED KE	APPROVED DS	DRAWING NO. D2728	REV. B SHEET 1 OF 1
DATE 05.01.10		TITLE DART LOGO LABEL	SCALE NTS

A	97.11.25	NEW ISSUE
B	05.01.10	ADDED D2728-7

RELEASED
05.01.10

DART

D2728-1 SMALL LABEL

DART

1-800-556-4166
www.dartaero.com

D2728-7 LABEL

DART

D2728-3 LARGE LABEL

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 39012

DART

HELICOPTER ACCESSORIES

D2728-5 HELICOPTER
ACCESSORIES

PACKING SLIP
BON DE LIVRAISON



366 CHAMBERLAIN,
HAWKESBURY, ONT.
K6A 2R4
TEL.: (613) 632-8711
FAX: (613) 632-5775

6964

YOUR ORDER NO./VOTRE NO. DE COMMANDE
006284
DATE SHIPPED/DATE EXPÉDIÉ
MAY 21/08

NAME/NOM: DART AEROSPACE

I.T. NO.:

ADDRESS/ADRESSE:

ACCOUNT NO.:

SHIPPED TO/EXPÉDIÉ À:

HAWKESBURY ONT.

SHIPPED VIA

OUR DELIVERY

ITEM	QUANTITY QUANTITÉ	DESCRIPTION
	10,000	SMALL (DART) LABELS.

RECEIVED BY:
REÇU PAR:

[Signature]